KU970 User Guide I

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Disposal of your old appliance

- When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/CE.
- All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
- The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
- For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

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Introduction

Congratulations on your purchase of the advanced and compact KU970 3G video mobile phone, designed to operate with the latest digital mobile communication technology.



This user's guide contains important information on the use and operation of this phone. Please read all the information carefully for optimal performance and to prevent any damage to or misuse of the phone. Any changes or modifications not expressly approved in this user's guide could void your warranty for this equipment.

Use of phone cases with magnetic locks with slide type phones has caused problems such as loss of network signal and phones powering off.

For Your Safety

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal. Further detailed information is given in this manual.

WARNING!

- Mobile Phones must be switched off at all times in aircrafts.
- Do not hold the phone in your hand while driving.
- Do not use your phone near petrol stations, fuel depots, chemical plants or blasting operations.
- For your safety, use ONLY specified ORIGINAL batteries and chargers.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or seriously damage your phone.
- Keep the phone in a safe place out of small children's reach. It includes small parts which, if detached, may cause a choking hazard.

CAUTION!

- Switch off the phone in any area where required by special regulations. For example, do not use your phone in hospitals or it may affect sensitive medical equipment.
- Emergency calls may not be available under all mobile networks. Therefore, you should never depend solely on your mobile phone for emergency calls.
- Only use ORIGINAL accessories to avoid damage to your phone.
- All radio transmitters carry risks of interference with electronics in close proximity. Minor interference may affect TVs, radios, PCs, etc.
- Batteries should be disposed of in accordance with relevant legislation.
- Do not dismantle the phone or battery.

Guidelines for Safe and Efficient Use

Please read these simple guidelines. Not following these guidelines may be dangerous or illegal. Further detailed information is given in this manual.

Certification information (SAR)

THIS DEVICE MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAYFS

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) recommended by international guidelines (ICNIRP). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit stated in the international guidelines is 2.0 W/kg*. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the device. Before a phone model is available for sale to the public, compliance with the European R&TTE directive must be shown. This directive includes as one essential requirement the protection of the health and the safety for the user and any other person. The highest SAR value for this device when tested for use at the ear is 0.756 W/kg.

Guidelines for Safe and Efficient Use

This device meets RF exposure guidelines when used either in the normal use position against the ear or when positioned at least 1.5 cm away from the body. When a carry case, belt clip or holder is used for body-worn operation. it should not contain metal and should position the product at least 1.5 cm away from your body. In order to transmit data files or messages, this device requires a quality connection to the network. In some cases, transmission of data files or messages may be delayed until such a connection is available. Ensure the above separation distance instructions are followed until the transmission is completed. The highest SAR value for this device when tested for use at the body is 0.327 W/kg.

* The SAR limit for mobile devices used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of body tissue. The guidelines incorporate a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band.

For SAR information in other regions please look under product information at www.lgmobile.com.

Product care and maintenance

WARNING!

Only use batteries, chargers and accessories approved for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone, and may be dangerous.

- Do not disassemble this unit. Take it to a qualified service technician when repair work is required.
- ► Keep away from electrical appliances such as a TV's, radios or personal computers.
- ► The unit should be kept away from heat sources such as radiators or cookers.
- ▶ Never place your phone in a microwave oven as it will cause the battery to explode.
- ▶ Do not drop.
- Do not subject this unit to mechanical vibration or shock.

- ► The coating of the phone may be damaged if covered with wrap or vinyl wrapper.
- ▶ Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. There is a risk of this causing a fire.
- ▶ Do not subject this unit to excessive smoke or dust.
- Do not keep the phone next to credit cards or transport tickets; it can affect the information on the magnetic strips.
- ▶ Do not tap the screen with a sharp object as it may damage the phone.
- Do not expose the phone to liquid or moisture.
- Use accessories, such as earphones and headsets, with caution. Ensure that cables are tucked away safely and do not touch the antenna unnecessarily.
- Please remove the data cable before powering on the handset.

Efficient phone operation

To enjoy optimum performance with minimum power consumption please.

Do not hold the antenna when the phone is in use. If you hold it, it can affect call quality, it may also cause the phone to operate at a higher power level than needed and shorten talk and standby times.

Electronic devices

All mobile phones may get interference, which could affect performance.

- ➤ Do not use your mobile phone near medical equipment without requesting permission. Avoid placing the phone over pacemakers (i.e. in your breast pocket.)
- Some hearing aids might be disturbed by mobile phones.
- Minor interference may affect TVs, radios, PCs, etc.

Guidelines for Safe and Efficient Use

Road safety

Check the laws and regulations on the use of mobile phones in the areas when you drive.

- Do not use a hand-held phone while driving.
- ▶ Give full attention to driving.
- ▶ Use a hands-free kit, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.
- RF energy may affect some electronic systems in your motor vehicle such as a car stereo or safety equipment.
- If your vehicle is equipped with an air bag, do not obstruct it with installed or portable wireless equipment. It can cause serious injury due to improper performance.

If you are listening to music whilst outside and about, please ensure that the volume is at a reasonable level so that you are aware of your surroundings. This is particularly imperative when attempting to cross the street.

Avoid damage to your hearing

Damage to your hearing can occur if you are exposed to loud sound for long periods of time. We therefore recommend that you do not turn on or off the handset close to your ear. We also recommend that music and call volumes are set to a reasonable level.

Blasting area

Do not use the phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres

- ▶ Do not use the phone at a refueling point. Don't use near fuel or chemicals.
- ▶ Do not transport or store flammable gas,

liquid, or explosives in the compartment of your vehicle, which contains your mobile phone and accessories.

In aircraft

Wireless devices can cause interference in aircraft.

- ► Turn off your mobile phone before boarding any aircraft.
- ▶ Do not use it on the ground without crew permission.

Children

Keep the phone in a safe place out of small children's reach. It includes small parts which if detached may cause a choking hazard.

Emergency calls

Emergency calls may not be available under all mobile networks. Therefore, you should never depend solely on your mobile phone for emergency calls. Check with your local service provider.

Battery information and care

- ➤ You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only LG batteries and chargers. LG chargers are designed to maximize the battery life.
- ▶ Do not disassemble or short-circuit the battery pack.
- ▶ Keep the metal contacts of the battery pack clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times until it needs replacing.
- Recharge the battery if it has not been used for a long time to maximize usability.
- Do not expose the battery charger to direct sunlight or use it in high humidity, such as the bathroom.

Guidelines for Safe and Efficient Use

- ▶ Do not leave the battery in hot or cold places, this may deteriorate the battery performance.
- Risk of explosion if battery is replaced by an incorrect type.
- ▶ Dispose of used batteries according to the manufacturer's instructions.

Driver Safety Tips

Your wireless telephone gives you the powerful ability to communicate by voice - almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

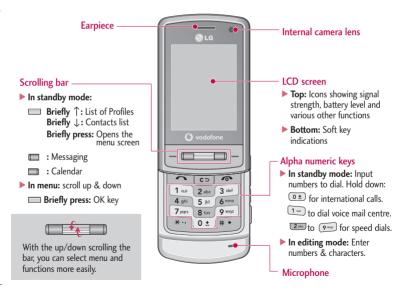
- Use a hands free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
- ▶ Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
- Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
- If possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when you will not be driving.
- Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

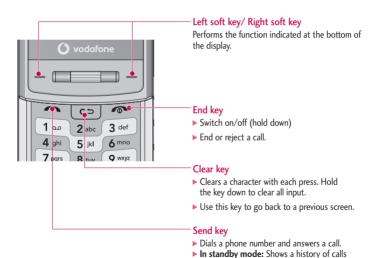
- ▶ Use your wireless phone to call emergency services for yourself or others. Dial 0-0-0 local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone! Dial 1-1-2 internationally for emergency services.
- Use your wireless phone to help others in emergencies, if you see an auto accident crime in progress or other serious emergency where lives are in danger, call 0-0-0 to call emergency number, as you would want others to do for you.
- ➤ Call roadside assistance or a special nonemergency wireless assistance number when necessary. If you see a broken down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special nonemergency wireless number.

KU970 Features

Parts of the phone

Open view



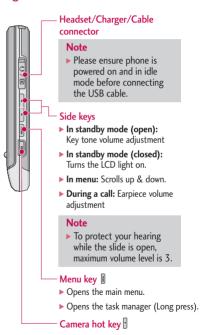


made, received, and missed.

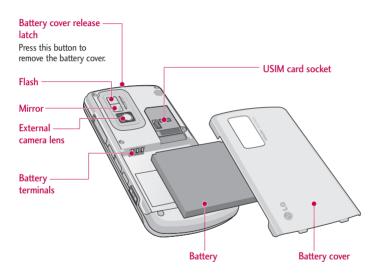
Left side view



Right side view



Rear view



Getting Started

Installing the USIM card and battery

1. Installing the USIM card.

Your USIM card contains your phone number, service details and contacts and must be inserted into your handset.

If your USIM card is removed then your handset becomes unusable until a valid one is inserted. Always disconnect the charger and other accessories from your handset before inserting and removing your USIM card. Slide the USIM card into the USIM card holder. Make sure that the USIM card is properly inserted and the gold contact area on the card is facing downwards. To remove the USIM card, press down lightly and pull it in the reverse direction.







To remove the USIM card

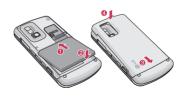
Note

The metal contact of the USIM card can easily be damaged by scratches. Pay special attention to the USIM card while handling. Follow the instructions supplied with the USIM card.

2. Installing the battery.

Insert the the battery into the battery compartment as metal contacts meet in the middle of the phone.

Push down the top of the battery until it snaps into place. Place the battery cover to the phone as shown.



To remove the battery.

Turn the power off. (If the power is left on, there is a chance you could lose the stored telephone numbers and messages.)

Press and hold down the battery release button and lift off the battery cover. Turn the phone up-side down, as shown, then lift up the battery with your fingers and pull-out the battery.



Charging the Battery

Before connecting the travel adapter to the phone you must first install the battery.



- With the arrow facing you as shown in the diagram push the plug on the battery adapter into the socket on the left side of the phone until it clicks into place.
- 2. Connect the other end of the travel adapter to the mains socket.



Note

▶ Only use the charger included in the box.

Getting Started

- The moving bars on the battery icon will stop after charging is complete.
- 4. Ensure the battery is fully charged before using the phone for the first time.

CAUTION!

- Do not force the connector as this may damage the phone and/or the travel adapter.
- If you use the battery pack charger when abroad, use an attachment plug adaptor for the proper configuration.
- Do not remove your battery or the USIM card while charging.

WARNING!

- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.
- Make sure that no sharp-edged items such as animal teeth or nails, come into contact with the battery.
 This may cause a fire.

Disconnecting the charger

Disconnect the travel adapter from the phone as shown in the diagram below.



Turning the handset on/off

Turning your handset on

Ensure that your USIM card is in your handset and the battery is charged. Press and hold until the power comes on. Enter the USIM PIN code that was supplied with your USIM card if the PIN code request is set to On. (Note: Please refer to page 75) After a few seconds you will be registered on the network.

Turning your handset off

Press and hold until the power goes off. There may be a few seconds delay while the handset powers down.

Do not turn the handset on again during this time.

Access codes

You can use the access codes described in this section to avoid unauthorised use of your phone. The access codes (except the PUK and PUK2 codes) can be changed by using the **Change codes** feature [Menu #.1.5.3].

PIN code (4 to 8 digits)

The PIN (Personal Identification Number) code protects your USIM card against unauthorised use. The PIN code is usually supplied with the USIM card. When the PIN code request is set to On, your phone will request the PIN code every time it is switched on. When the PIN code request is set to Off, your phone connects to the network directly without the PIN code.

PIN2 code (4 to 8 digits)

The PIN2 code, supplied with some USIM cards, is required to access functions such as **Fixed dial number**. These functions are only available if supported by your USIM card.

Getting Started

PUK code (4 to 8 digits)

The PUK (PIN Unblocking Key) code is required to unblock a blocked PIN code. The PUK code may be supplied with the USIM card. If not, contact your network operator's customer service department for the code. If you lose the code, contact your network operator's customer service department.

PUK2 code (4 to 8 digits)

The PUK2 code, supplied with some USIM cards, is required to unblock a blocked PIN2 code. If you lose the code, contact your network operator's customer service department.

Security code (4 to 8 digits)

The security code prevents unauthorised use of your phone. The default security code is set to '0000' and the security code is required to delete all phone entries and to restore the handset to the factory settings.

Display information

No USIM idle screen

This is the initial screen of the phone that appears when there is no USIM card installed in the phone, or the installed USIM card is invalid. In this screen, users can only make emergency calls, and turn the phone off. To turn the phone off, press and hold down

Screen structure

If there is no USIM card installed, an animation telling you to insert a USIM card appears. If the USIM card inserted into the phone is invalid, an animation telling you that the USIM card is locked appears.

Emergency call function

The right soft key is represented by "Emergency" on the screen. Press the right soft key or dial your emergency number using the number keys, and then press to make an emergency call.

Idle screen

The idle screen appears when you have installed a proper USIM card and turned the phone on.

Screen structure

Idle screen consists of the operator's name, indicators, date and time on a background image. You can change the wallpaper in the **Display settings** menu.

Numbering screen

The numbering screen appears when a number key is pressed in the idle screen.

Screen structure

Soft key

You can use the soft keys for several functions while dialling a number. Using the left soft key, you can make a video call, send a message to the number, save the number to Contacts.

Handset lock screen

When the **Handset lock** function is selected, you can only make an emergency call, release the lock, and turn off the phone in this screen. As always, you can turn the phone off by pressing and holding of ra few seconds.

Screen structure

The screen structure of the Handset lock screen is the same as that of the idle screen, except that the lock message appears instead of the idle screen.

Emergency call function

You can make an emergency call using the right soft key. As with the **No USIM idle screen**, only emergency numbers can be dialled.

Getting Started

Unlock function

If you press , a popup screen appears asking you to input the Security code to unlock the phone. The Security code is configured in the **Change codes** (#. Settings > 1. Phone settings > 5. Security > 3. Change codes). If you key in an incorrect Security Code, the phone will remain in **Handset lock** status. If you key in the correct Security code, the phone will be unlocked, and the idle screen will be displayed. If you have turned the phone off in the **Handset lock** status, you will find the phone remains in **Handset lock** status when you turn it on.

Barring password

This service obstructs calling service in some conditions. This condition can be edited using the **Call barring** feature (#. Settings > 5. Call settings > 2. Call barring). The barring password is required when you use the call barring function. The password is obtained from your network operator's customer service when you subscribe to this service. While this service is activated, the caller will hear the information message that the call is not connected because of the call barring.

General Functions

Making and answering calls

Making a voice call

- 1. Enter the number including the full area code.
 - ► To delete a digit press .

 To delete all digits press and hold .
- 2. Press to make the call.
- 3. Press to finish the call, or close the handset.

Note

► To activate the speakerphone during a call, press \equiv .

Making a call from the call logs

- In standby mode, press and the latest incoming, outgoing and missed phone numbers will be displayed.
- 2. Select the desired number by scrolling

 .
- 3. Press to call the number.

Making a video call

You can make a video call in a 3G covered service area. If the called user has a 3G video phone in a 3G covered service area, the call will be established. You can also answer a video call for video incoming call. To make/answer a video call, do the following.

- Input the phone number using the keypad, or select the phone number from the calls made/received lists
 - ➤ To correct mistakes, press ☐ briefly to delete the last number, or press and hold ☐ to delete all numbers.
- If you do not want to use the speakerphone, ensure you have the headset plugged in.
- To start the video function, press the left soft key [Options] and select Make video call.
 - You will be notified that you will need to close other applications to make the video call.

General Functions

Note

- ▶ The video call may take some time to connect. Please be patient. The connection time will also depend on how quickly the other party answers the call. While the video call is connecting, you will see your own image; after the other party has answered, their image will be displayed on the screen.
- 4. Adjust the camera position if necessary.
- 5. Press to finish the call, or close the handset.

Making a voice/video call from Contacts

It is easy to call anyone whose number you have stored in your Contacts.

- Scroll down to access the contacts list.
- 2. Scroll to the contact to make a call.
- Press to make a voice call. Press the left soft key and select Make video call to make a video call.
- 4. Press **to** finish the call.

Making international calls

- Press and hold **O **E for the international prefix. The '+' character prefixes the international access code.
- 2. Enter the country code, area code, and the phone number.
- 3. Press .

Adjusting the volume

During a call, if you want to adjust the earpiece volume, use on the left side of the phone. In idle mode, you can adjust the key volume using .

Answering a call

When you receive a call, the phone rings and the flashing phone icon appears on the screen. If the caller can be identified, the caller's phone number (or name if stored in your Contacts) is displayed. 1. Open the slider to answer an incoming call.

Note

- ► To reject an incoming call, press or the right soft key twice.
- ▶ If you set **Answer mode** as **Press send key** (Menu #.5.0.4), you can answer the call by pressing after opening the slider
- If the answer mode is set to Press any key, any key will answer a call except for
- 2. End the call by closing the handset or pressing .

Note

- ➤ You can answer a call while using the Contacts or other menu features.
- When the compatible headset is connected, you can also answer a call using the headset key, as well as using the phone. To reject an incoming call, press <a> □.
- You can mute the ringtone when a call comes in by pressing and holding the volume down side key.

Shortcut to activate vibrate mode

You can activate the vibrate only mode by pressing and holding down **1** after opening the phone.

Signal strength

You can check the strength of your signal by the signal indicator (T.III) on the LCD screen of your phone. Signal strength can vary, particularly inside buildings. Moving close to a window may improve reception.

Entering text

You can enter alphanumeric characters using the keypad.

For example, storing names in Contacts, writing a message, creating a personal greeting or scheduling events in the calendar all require entering text.

The following text input methods are available with the handset.

General Functions

T9 mode

This mode lets you enter words with only one keystroke per letter. Each key on the keypad has more than one letter. The T9 mode automatically compares your keystrokes with an internal dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode. This is sometimes known as predictive text.

ABC mode

This mode lets you enter letters by pressing the key labelled with the required letter once, twice, three or four times until the letter is displayed.

123 mode (Number mode)

Type numbers using one keystroke per number. To change to 123 mode in a text entry field, press until 123 mode is displayed.

Changing the text input mode

- When you are in a field that allows characters to be entered, you will notice the text input mode indicator in the upper right corner of the LCD screen.
- 2. Press ** to cycle between T9Abc, T9abc, Abc, abc and 123.

Using the T9 Mode

The T9 predictive text input mode allows you to enter words easily with a minimum number of key presses. As you press each key, the handset begins to display the characters that it thinks you are typing based on a built-in dictionary. As new letters are added, the word changes to reflect the most likely candidate from the dictionary.

 When you are in the T9 predictive text input mode, start entering a word by pressing to 990. Press one key per letter.

- The word changes as letters are typed. Ignore what's on the screen until the word is typed completely.
- ► If the word is still incorrect after typing completely, press once or more to scroll through the other word options.

Example

Press to get **Home.**

- ▶ If the desired word is missing from the word choices list, add it by using the ABC mode.
- Enter the whole word before editing or deleting any keystrokes.
- 3. Complete each word with a space by pressing (0 ±).

To delete letters, press © D. Press and hold down D to erase entire words.

Using the ABC Mode

Use to good to enter your text.

- Press the key labelled with the required letter:
 - Once for the first letter.
 - ▶ Twice for the second letter.
 - And so on.
- 2. To insert a space, press ①② once. To delete letters, press ②③. Press and hold down ③⑤ to clear the display.

Refer to the following table for more information on the characters available using the alphanumeric keys.

General Functions

V	Characters in th	ne order display
Key	Lower case	Upper case
1 00	.,?!'"1-()@/:_	.,?!'"1-()@/:_
2 sbc	a b c 2 à á â ã ä å æ ç	ABC2ÀÁÂÃÄÅÆÇ
3 def	d e f 3 è é ê ë	DEF3ÈÉËË
4 shi	g h i 4 ì í î ï	GHI4ÌÍÎÏ
(5 HI	j k l 5 £	JKL5£
6mo	m n o 6 ñ ò ó ô õ ö ø oe	MNO6ÑÒÓÔÕÖØOE
7 pages	pqrs7ß\$	PQRS7B\$
8 tuv	tuv8ùúûü	TUV8ÙÚÛÜ
9 мух	w x y z 9	W X Y Z 9
0±	Space, 0	Space, 0

Note

The characters assigned to the keys and their order of appearance depends on the language selected using the option Input method. The table above provides the characters set for English language.

Using the 123 (Number) mode

The 123 mode enables you to enter numbers in a message(a telephone number, for example). Press the keys corresponding to the required digits before manually switching back to the appropriate text entry mode.

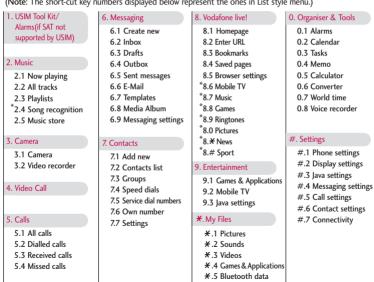
Using the symbol mode

The symbol mode enables you to enter various symbols or special characters. To enter a symbol, select **Options** > **Insert** > **Symbol**. Use the navigation and numeric keys to select the desired symbol and press \equiv \equiv \equiv.

Overview of Menu Functions

You can launch a menu by pressing briefly an on the screen when it is in idle mode. Move to the desired item and press to enter the sub-menu.

From the main menu you can also enter a sub-menu by directly pressing the corresponding numeric key as follows. The main menu consists of the following top menus and sub-menus. (Note: The short-cut key numbers displayed below represent the ones in List style menu.)



*.6 Other files

^{*:} Shown only if supported by the service provider

USIM Tool Kit [Menu 1]

Depending on whether you have SAT support services or not (i.e. USIM Application Toolkit) on the USIM card, this menu (Menu 1) may be different.

If the USIM card supports SAT services, this menu will be the operator-specific service name stored on the USIM card, for instance "Special". Please refer in that case to the information provided with your USIM card for further information on how to use the related options.

If the USIM card does not support SAT services, this menu will be **Alarms**. For the **Alarms** menu feature, please refer to page 67.

Music

Music [Menu 2]

Now playing

Menu 2.1

This menu will be activated when there are some tracks currently played.

All tracks

Menu 2.2

You can view the entire music files in the phone memory.

Playlists

Menu 2.3

You can create your own playlists by choosing tracks from the All tracks menu list.

Song recognition

Menu 2.4

Selecting this menu starts dialling a number for song recognition. For further information, please contact your service provider.

Music store

Menu 2.5

Connects to the Vodafone music download site.

Note

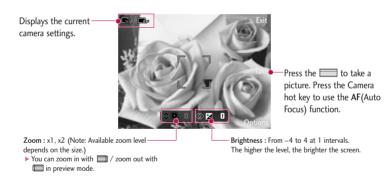
Additional charges may be incurred when downloading music.

Contact your service provider for further information.

Camera [Menu 3]

Camera Menu 3.1

This application enables you to take a still picture. You can take a picture in the size you want, and use it for the address book photo, home screen and other more general purposes. Once taken, the picture can be sent by Message, Postcard, Email or Bluetooth.



- 1. Press the left soft key to access **Options** and set the desired environment as follows.
 - ▶ Move between the options menus by moving the scrolling bar up/down.
 - ▶ Select the desired value with / and confirm the selection by pressing ...

Menu	Icon	Description
Go to	F(14)	Video recorder, My Files
Size	<u>"</u>	1600X1200, 1280x960, 640x480, 320x240, Home screen, 176x144, Contact
Quality		Super fine, Fine, Standard.
Light	7	Off, Auto, Always on, When taking a picture ▶ You can turn the camera light on/off with ■ In preview mode.
Multishot	鈩	One, Three, Six, Nine (Note: Available multishot depends on the size.)
White balance	WB	You can adjust the tone of the background photo according to the weather. Auto, Daylight, Cloudy, Illuminate, Indoors.
Night mode	*)	You can take better pictures at night by selecting On.
Frame		You can apply one of 9 frame effects when taking a picture. (available only in case of 320x240 size)
Timer	0	You can delay the camera shutter time. None, 3 seconds, 10 seconds.

Menu	lcon	Description
Effect		None, Black & White, Negative, Sepia.
Sound	(Select the desired shutter sound.
Mirror	H	You can activate the mirror effect by selecting On.
Exposure		Multi, Center
Switch		You can switch the camera to activate either the Internal or the External camera. > You can also switch the camera with in preview mode.

Camera

- 2. After finishing all the settings, press the right soft key [Close].
- 3. Focus the camera on what you want to take and press . Press the Camera hot key to use the **AF**(Auto Focus) function.

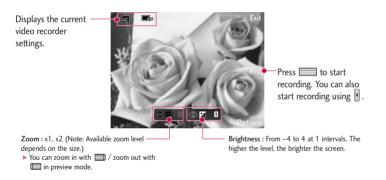
Note

Press to go back to the preview mode without saving the picture.

Video recorder

Menu 3.2

This application enables you to record a video clip. You can play and watch a saved video file in this menu. Once recorded, a video clip can be sent by Message, Email or Bluetooth.



- 1. Press the left soft key to access **Options** and set the desired environment as follows.
 - ▶ Move between the options menus by moving the scrolling bar up/down.
 - ▶ Select the desired value with / and confirm the selection by pressing .

Camera

Menu	Icon	Description
Go to	G(14	Camera, My Files
Size		320x240, 176x144, 128x96
Quality		Super fine, Fine, Standard
Light	5	Off , Always on, When recording You can turn the camera light on/off with in preview mode.
White balance	WB	You can adjust the tone of the background photo according to the weather. Auto, Daylight, Cloudy, Illuminate, Indoors.
Night mode	*))	You can take better pictures at night by selecting On.
Effect		None, Black & White, Negative, Sepia
Duration	(b)	Select the desired recording time. MMS, 30 secs, 1 min, 2 mins, 5 mins, 60 mins
Mirror	H	You can activate the mirror effect by selecting On.
Sound	•	Decide whether to record the sound or not.
Switch	g ₽	You can switch the camera to activate either the Internal or the External camera. You can also switch the camera with in preview mode.

- 2. After finishing all the settings, press the right soft key [Close].
- Focus the camera on what to record and press to start recording. And press to stop recording.
 - ➤ You can pause the recording by pressing the left soft key [Pause].
- 4. Press to save the video clip. It is saved in the Videos folder of My Files.

You can directly send the video clip via Message, Email or Bluetooth by pressing the right soft key [Send].

Note

Press to go back to the preview mode without saving the video clip.

Video call [Menu 4]

You can make a video call using this menu.

- 1. Enter the number you want to dial.
 - ▶ You can key in the number.
 - ➤ You can select the number from Contact using the left soft key [Contacts].
 - You can find the number from call logs by pressing [Calls].
- Press the right soft key [V-Call] to make a video call.

During a video call

When you are in a video call, the screen will show the contact's name and duration of call, contact's image, volume indicator, video control panel, and your image.

You can access the following option menus by pressing the left soft key [Options].

- ▶ Mute/Unmute
- ▶ Speaker on/off
- ▶ Bluetooth/Handset talk (When the Bluetooth headset is connected)

- ▶ Private/Show mode
- ▶ Hold/Resume
- ► Capture
- View sender number
- ▶ Settings
- ▶ End call

Receiving a video call

When a video call is received, the caller's information is displayed as following.

- Picture/Animation: Displays picture ID, graphic image configured in Contacts, or default animation indicating the incoming call.
- Caller's name and number: Shows incoming caller's number. If the number is stored in Contacts, displays the name of the contacts.

Picture ID and animation setting is used in the order of Contacts, video file used in Group ringtone, and video file used in Profile.

Video call

Also, sound can be set for the incoming video call. The sound setting is used in the order of Contacts, Group ringtone, and Profile.

You can accept the incoming call by pressing the left soft key [Accept].

The incoming call ringing can be silenced by pressing the right soft key [Silent]. It can be also silenced by long press on $\[\]$ on the left side of the phone.

When ringing is silenced, press the right soft key [Reject] to reject the call.

Calls [Menu 5]

You can check the record of missed, received, and dialled calls only if the network supports Caller Line Identification (CLI) within the service area.

The number and name (if available) are displayed together with the date and time at which the call was made. You can also view call times.

All calls Menu 5.1

Allows you to view the missed, received, and dialled call records. You can make a call, or send a message to the number you have selected from the records. You can also save the number in Contacts.

Dialled calls Menu 5.2

Allows you to view dialled call records, make a call, send a message, and save the number in Contacts.

Received calls

Menu 5.3

Allows you to view received call records, make a call, send a message, and save the number in Contacts.

Missed calls

Menu 5.4

Allows you to view missed call records, make a call, send a message, and save the number in Contacts

Messaging [Menu 6]

Create new

Menu 6.1

Message

(Menu 6.1.1)

You can write and edit a message containing a combination of text, image, video and audio.

1. Enter your message in the Message field.

Option menus in Message field

- Insert: You can perform the following actions:
 - Pictures: You can insert an image. (One image per slide)
 - Take Picture: The camera module opens and you can take a picture. The picture is then inserted in the message window. (One picture per slide).
 - **3. Videos:** You can insert a video clip. (One video clip per slide)
 - 4. Take Video: The video recorder module opens and you can record a video. The recorded video is inserted in the message. (One video clip per slide)

- **5. Sounds:** You can insert a sound file. (One sound per slide)
- Record Sound: The voice recorder module opens and you can record a sound. The recorded sound is inserted in the message. (One sound per slide)
- 7. Contact details: You can add a name and/or a number stored in the Contacts. Make your selection to send either the Name, Number or Name & Number and press . The Contacts list opens and you can search the desired contact to be inserted.
- 8. Templates: You can insert a text template saved on the phone.

 After selecting one, press .

 The selected template is inserted into the Message window.
- 9. Cc: Select this to insert Cc.
- **0. Subject:** Select this to insert a subject.
- *. New slide: Select this to add a new slide.
- **#. Symbol:** You can insert symbols. After entering the corresponding number keys, press

- Add recipients: You can add recipients from your Contacts or enter the number directly.
- Send: Select this to send the created message.
- Save to drafts: Select this to save the message to drafts.
- Input method: Select the desired dictionary mode.
- ▶ Add to dictionary: You can add a word to the dictionary.
- ▶ Cancel: Select this to cancel editing.
- Press the right soft key [Continue]. You can add recipients from Contacts or enter the number directly. (You can enter up to 10 numbers.)

Option menus in To field

- Add recipients: You can add recipients from your Contacts or enter the number directly.
- ▶ **Send:** Select this to send the message.

- ▶ Save to drafts: Saves the message to drafts.
- ▶ Cancel: Select this to cancel editing.
- 3. Press the right soft key [Send] to send the message. The message will automatically be saved in the Sent messages folder. If the message has not been sent, it will remain in the Outbox with a failed status.

Postcard

(Menu 6.1.2)

(**Note:** This service is not available in all countries. Please contact your service provider for further information.)

- 1. Key in a message.
- Press the right soft key [Insert]. You can insert a stored image or newly taken picture.
- 3. After an image is inserted, the format will be changed to Postcard format.
- 4. Fill out the fields: Name, Additional info, Address, Post code, City, State, Country.
- Press the right soft key [Send] to send the created postcard.

Messaging

E-Mail

(Menu 6.1.3)

To send/receive an email, you should set up the email account. (Refer to page 52-54 for how to set up an Email account.)

 Enter the email addresses of the recipients in the To, Cc, Bcc fields. You can search the Contacts by pressing .

Note

- Enter the reference email address to forward the email in Cc(Carbon copy) field.
- Enter a hidden reference email address to forward the email without forwarding information in Bcc(Blind Carbon Copy) field.
- Only valid email addresses are allowed for the recipient (To), reference address (Cc) and hidden reference address (BCC) fields. When an email address has been specified, another field where you can specify another address appears. You can specify up to 20 recipients for the To and Cc address fields and 10 recipients for the BCC address field.

- 2. Move the cursor to the Subject field and key in the subject.
- You can enter the message contents by moving the cursor to the Message field.
- 4. Use the following functions by using the left soft key [Options].
 - Insert: Select this menu to insert special characters, templates, and contacts. It is also possible to attach multimedia files (pictures, videos and sounds).
 - Add recipients: Select this menu to insert email addresses saved in Contacts. (Only shown in Option menu when cursor is located in To/Cc/Bcc fields.)
 - ▶ **Send:** Sends the created email.
 - Save to drafts: Select this menu to save the message in Drafts.
 - Preview: You can preview the created email before sending it.
 - View attachment: Shows the attached files. (This item is only available when some files have been attached.)

- Input method: Select the desired dictionary mode.
- Add to dictionary: You can add a new word to the dictionary.
- ▶ **Set mail priority:** You can configure the priority of the email you wish to send.
- ► Cancel: Exits the email composer.
- When you have finished writing an email, press the right soft key [Send] to send the email

Inbox Menu 6.2

- You can view saved messages. Select a message and then press to view the message.
- 2. You can view the previous or next message by using .
- 3. To view a multimedia message (Notification), select **Retrieve** in the message notification view screen. The message will then begin transmission, and you can view the message after it is complete.

You can use the following functions by using the left soft key [Options] in the Inbox.

- ▶ View: Opens the selected message.
- ▶ **Reply:** Creates a reply to the sender or all recipients of the selected message.
- **Forward:** Forwards the selected message.

Note

Not supported for multimedia message (Notification) and WAP push messages.

- Make voice call: You can make a voice call.
- Make video call: You can make a video call.
- ▶ Delete: Deletes the current message.
- Create new message: You can write a new message or an Email.
- Mark/Unmark: You can select one or more messages for multiple deletion.
- Filter: Displays messages by desired message types.
- Copy: In case of SMS, you can copy the message into handset or USIM.

Messaging

- Move: In case of SMS, you can move the message into handset or USIM.
- Message info.: You can check the message type, date and time and where it is saved.

Note

You can check the saved Emails in Email [Menu 6.6].

Drafts

Menu 6.3

You can view saved messages. Select a message and then press to edit the message.

After saving the message in drafts, you can use the following functions by using the left soft key [Options].

- Edit: You can edit messages.
- Delete: Deletes the selected message.
- Create new message: You can write a new message or an Email.
- Mark/Unmark: You can select one or more messages for multiple deletion.

- Filter: Displays messages by desired message types.
- Message info.: You can check the message type, date and time and where it's saved.

Outbox

Menu 6.4

The Outbox is a temporary storage place for messages waiting to be sent. Failed messages are also placed in Outbox. For example, Emails will be placed in Outbox if the Email account is not correctly configured.

- 1. Select a message and then press to view the message.
- 2. You can use the following functions by using the left soft key [Options].

[For sending / waiting messages] 📓 / 📓

- Create new message: You can write a new message or an Email.
- ▶ Cancel: You can stop sending/waiting status.
- Message info.: You can check the message type, date and time and where it's saved.

[For sending a failed message] []/[

- ▶ **Resend:** Resends the selected message.
- ▶ **Forward:** Forwards the selected message.
- ▶ **Edit:** You can edit the selected message.
- ▶ **Delete:** Deletes the current message.
- Create new message: You can write a new message or an Email.
- Mark/Unmark: You can select one or more messages for multiple deletion.
- ▶ Message info.: You can check the message type, date and time and where it's saved.

Sent messages

Menu 6.5

Shows the messages you sent (Message/Postcard/Email).

[Options]

- ▶ View: Opens the selected message.
- Reply: Creates a reply to sender or all recipients of the selected message.
- ▶ Forward: Forwards the selected message.

- ▶ **Delete:** Deletes the current message.
- ▶ Edit: You can edit the selected message.
- Create new message: You can write a new message.
- ▶ Save number: Save the sender's number.
- Mark/Unmark: You can select one or more messages for multiple deletion.
- Filter: Displays messages by desired message types.
- Copy: In case of SMS, you can copy the message into handset or USIM.
- Move: In case of SMS, you can move the message into handset or USIM.
- Message info.: You can check the message type, date and time and where it is saved.

E-Mail

Menu 6.6

Viewing email message list

- Select an email account and then press to view the received email list.
- 2. Using the right soft key [Retrieve], you

Messaging

- can retrieve a new email list from the email server of the selected account.
- In email list, you can use the following functions by using the left soft key [Options].
 - ▶ View: Opens selected email.
 - ▶ **Reply**: Creates a reply to the selected email.
 - ► Forward: Forwards the selected email message to others.
 - ▶ Retrieve: Retrieves new email messages.
 - ▶ Delete: Deletes the email.
 - Create new message: Creates a new message or Email.
 - Save address: Save sender's address to Contacts.
 - Mark/Unmark: Use mark/unmark option for multiple deletion.
 - ► Set as read/unread: You can set the selected email to read or unread.
 - Message info.: Brief information on the message including size, type, date, time and filenames.

Viewing an email message

- Select one of the received emails and press the Open key to receive the contents of the email.
- 2. The contents of the received email are automatically displayed in the View screen.
- 3. You can view the contents of the previous or next email by using .
- In the email View screen, you can select the following functions by using the left soft key [Options].
 - Reply: Creates a reply to the selected email.
 - ▶ Forward: Forwards the selected email message to others.
 - ▶ **Delete**: Deletes the email.
 - ➤ Save address: Saves the sender's address to Contacts.
 - Create new message: Creates a new message.
 - ▶ Use: Extracts the number, email address or Web address from email message.
 - View attachment: Shows the attached file.

- View to address: Shows the email addresses of the recipients and reference (Cc).
- Message info.: Brief information on the message including size, type, date, time and filenames.

Templates

Menu 6.7

Text templates (Menu 6.7.1)

You can add, edit, and delete frequently used useful phrases using the left soft key [Options].

Note

Depending on your service provider, useful phrases are saved as a default.

Multimedia templates (Menu 6.7.2)

You can create, edit and view available templates when creating multimedia messages. Five types of template (Birthday, Greeting, Holiday, Thanks, Sorry) are saved by default.

The following options are available.

- ► Add new: You can create a new multimedia template.
- Write multimedia message: Creates a multimedia message with the selected template.
- ▶ View: Displays the selected template.
- ▶ Edit: Edits the selected template.
- ▶ Delete: Deletes the selected template.
- ▶ Cancel: Goes back to previous menu.

Media Album

Menu 6.8

(**Note:** This service is not available in all countries. Please contact your service provider for further information.)

Accesses the remote media album.

Messaging settings

Menu 6.9

SMS

(Menu 6.9.1)

You can configure text message related options.

Messaging

- Text message centre: Input the address of the Text message centre.
- Delivery report: By enabling this option, you can verify whether your message has been sent successfully.
- Validity period: This network service allows you to set how long your text messages will be stored at the message centre.
- 4. Message types: Text, Voice, Fax, X.400, Email

Usually, the type of message is set to **Text**. You can convert your text into alternative formats. Contact your service provider for the availability of this function.

- Character encoding: Auto/ Default alphabet/ Unicode.
 - Auto(default): Message with single byte character is normally encoded in Default alphabet(GSM7). Message with double-byte character is automatically encoded in unicode(UCS2).

- ▶ Default alphabet: Message with even double byte character is encoded in single byte. Please note that double byte characters with accent may be converted into single byte character without accent.
- Unicode: Message is encoded in double byte. Please note that you may be charged double.
- Send long text as: Select a long text message as Multiple SMS or MMS.

MMS

(Menu 6.9.2)

You can configure Multimedia message related options.

1. Retrieval mode: You can set the retrieval mode using Home network and Roaming network respectively. If you select Automatic, you will receive multimedia messages automatically. If you select Manual, you will only receive a notification message in the inbox and then you can decide whether to download multimedia messages or not.

- 2. Delivery report: Allows you to determine whether to request a delivery confirmation mail to a recipient, and whether to allow sending a delivery confirmation mail to a sender.
 - Request report: Determines whether to request a delivery confirmation mail for a Multimedia message.
 - Allow report: Determines whether to allow sending a delivery confirmation mail for a delivery confirmation mail request.
- 3. Read reply: Allows you to determine whether to request a read confirmation mail to a recipient, and whether to allow sending a read confirmation mail to a sender.
 - Request reply: Determines whether to request a read confirmation mail for a Multimedia message.
 - Allow reply: Determines whether to allow sending a read confirmation mail for a read confirmation mail request.

- **4. Priority:** You can select the priority level of the messages (Low, Normal and High).
- 5. Validity period: Allows you to configure the term of validity for a message when transmitting a multimedia message. The message would be saved in the multimedia message server only for the configured term.
- Slide duration: Allows you to configure the duration of each page when writing a message.
- 7. Delivery time: Configures the delivery time of message to the recipient. The Multimedia message centre will deliver the message after the delivery time.
- Multimedia msg. centre: Allows you to configure network information such as the MMSC and the WAP gateway, to send a multimedia message.

Using the left soft key [Options], you can activate, add or delete a profile. A profile name selected by a checkmark is the currently configured value. You can view and edit the contents of the profile in edit

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mode by pressing the right soft key [Edit]. The edit screen also appears when creating a new profile under Options. The meaning of each item is given below.

- ► Title: Profile name.
- ► MMSC URL: Enter the multimedia message centre URL.
- ▶ MMS Proxy: Enter the WAP gateway address and port number.
- Connection mode: Select one of the connection mode. (TCP with Proxy, TCP without Proxy, UDP)
- Access points: Specify the access point name. (see WAP connection settings.)

Press the right soft key [Done] to save the changes and complete Multimedia msg. centre setting.

E-Mail

(Menu 6.9.3)

You can configure settings for receiving and transmitting emails.

- Vodafone Mail: Access to Vodafone Mail. (Note: This service is not available in all countries. Please contact your service provider for further information.)
- Allow reply email: Determines whether to allow sending a read confirmation mail for a read confirmation mail request.
- Request reply email: Determines whether to request a read confirmation mail.
- 4. Auto retrieve: You can configure Auto retrieve to retrieve emails automatically from the incoming mail server. When a new email arrives, an icon appears at the top of the screen. You can select the auto receiving time slot to Off, 15 minutes, 30 minmutes or 1 hour.

Please note that additional charges may be incurred using the **Auto retrieve**

feature.

- 5. Include message in Fwd. & Reply: Determines whether to include the received message when you forward the message or reply to it.
- 6. Signature: You can configure a text signature to be attached to the end of an email. The configured signature text is automatically or manually attached to the end of the email when it is sent.
- **7. Priority:** You can select the priority level of Emails (Low, Normal and High).
- 8. Email accounts: You can create or configure an email account including the email server and user ID. You can edit a selected email account by pressing the right soft key [Edit]. You can select an email account to be used to send an email using . You can select the following functions using the left soft key [Options].
 - ▶ Add new: Create a new email account.
 - ▶ Edit: To edit the selected email account.
 - Activate: Activates the selected account for outgoing mail.
 - Delete: Deletes a selected email account. All the emails included in the account will be deleted.

Creating a new email account

- Select Add new from the Email account menu options.
- 2. The following items need to be configured.

Title	Enter a title.
Username	Enter the user name of the email account.
Password	Enter the email account password.
Email address	Enter the email address for outgoing mail.
Reply email address	Enter the email address to reply to your email.
Outgoing mail server	Enter the outgoing email server.
Incoming mail server	Enter the incoming email server.
SMTP port number	Enter the mail server port number. In general, the SMTP (Outgoing mail server port number) is 25.
Incoming server port	Enter the mail server port number. In general, the incoming mail server port number is 110(POP3) or 143(IMAP4).

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Maximum receive size	Select the maximum email receive size using . The permissible maximum receive size is no more than 1 MB.
Mailbox type	Select the email inbox type either POP3 or IMAP4 using
Save to server	Determine whether to leave a copy of messages on the incoming server or not using
Save sent mail into	Select where to save the sent mails (when the mailbox type is set to IMAP4). When the mailbox type is POP3, sent mails are always saved into handset.
Access points	Select an access point to connect to the Internet. You can select a configured access point using
Auto retrieve	Decide whether to activate Auto retrieve or not using You can set the auto receiving time slot using the Auto retrieve [Menu 6.9.3]. (See page 52.)
SMTP authentication	Decide whether the outgoing mail server to require authentication or not using . When the SMTP authentication is set to On, you can enter the SMTP Username and SMTP Password for SMTP authentication.

APOP secure login	Decide whether to activate APOP secure login or not using When the mailbox type is IMAP4,
	APOP secure login is always set to OFF.

Press the right soft key [Done] to complete the email account configuration.

Editing an email account

- Select a desired email account from the email account list and press the right soft key [Edit].
- 2. You can edit desired fields by moving the cursor up and down.
- When configuration is complete, press the right soft key [Done] to complete the email account configuration.

Note

When you try to change the mailbox type, all emails downloaded before would be deleted.

Info. service

(Menu 6.9.4)

- ► Cell broadcast: You can set the reception status.
- ► Channels: You can add or modify the channels.
- ➤ Languages: You can select the language you want by pressing ☐☐. Then, the info service message will be shown in the language that you have selected.

Service message

(Menu 6.9.5)

You can configure the service message receipt option.

Contacts [Menu 7]

Add new Menu 7.1

You can register a new contact address. You can enter the name, different phone numbers and email addresses of a new contact. You can also assign the contact to groups, include an image or avatar, assign a specific ringtone and even enter a memo for the contact. Other available fields include Home page URL, Home address, Company name, Job title and company address. You can enter and manage contact addresses depending on the memory usage.

Contacts list Menu 7.2

Performs the contact address search function. The search operation is performed based on a name as a default. The current search method and results found are displayed in the Search window. You can make a phone call or send a message to the selected phone number. A Contacts search can be performed based on the phone number or group information.

Groups

Menu 7.3

Using this menu you can manage group information (both stored in the Handset and the USIM). In the handset memory, there are 4 default groups: Family, Friends, Colleagues and School. You can add, edit and delete groups. When a ringtone for a number is not specified, a call from the number sounds the group ringtone assigned to the number for the group.

Speed dials

Menu 7.4

Using this menu you can manage speed dials. Speed dials are configured between 2-9. You can register speed dials for a specific contact address up to 5 different numbers, and a contact address may have multiple speed dials.

Service dial numbers Menu 7.5

You can view the list of Service Dialling Numbers (SDN) assigned by your service provider (if supported by the USIM card). Such numbers include emergency, directory enquiries and voice mail numbers. After selecting a service number, press to dial the service

Own number

Menu 7.6

Allows you to display your phone number in the USIM card. You can save own numbers being used in the USIM card.

Settings

Menu 7.7

View contacts from

(Menu 7.7.1)

Select which contact information shall be displayed (from handset memory, from USIM card or both). **All** is the default setting.

Show image/avatar

(Menu 7.7.2)

Select whether to display image/avatar or not.

Copy all

(Menu 7.7.3)

You can copy contacts from the phone memory to the USIM or from the USIM to the phone memory. You can copy all items or one at a time.

Move all

(Menu 7.7.4)

You can move contacts from the phone memory to the USIM or from the USIM to the phone memory. You can move all items or one at a time.

Clear contacts

(Menu 7.7.5)

Clears all contact information. You can delete all contacts saved in the mobile phone memory as well as on the USIM card.

Vodafone live! [Menu 8]

Homepage

Menu 8.1

You can launch the web browser and access the homepage of the web service provided by Vodafone.

▶ You can also directly access Vodafone live! by pressing the left soft key in idle mode.

Fnter URI

Menu 8.2

Enter address

(Menu 8.2.1)

You can manually enter a URL address and access the associated web page.

- ➤ To enter a symbol, press or the right soft key [Insert symbol] to display the Symbol table.
- ▶ To switch input text mode, press .

Recent pages

(Menu 8.2.2)

Shows the recently-browsed pages.

Bookmarks

Menu 8.3

You can store frequently accessed or favourite URLs/Pages. Open, Send, Add new, Edit, Mark/Unmark or Delete operations can be performed on Bookmarks. Several preconfigured URLs are stored as bookmarks.

Adding a new bookmark

- 1. Press the right soft key [Add].
- Enter the title and associated URL information.
- 3. Press the right soft key [Done] to save.

Connecting to a desired bookmark

Press or select **Open** from the **Options** menu.

Sending the bookmark to others

Select **Send** from **Options** menu. You can send it via **Message** or **Email**.

Deleting a bookmark

Select **Delete** from **Options** menu. You can delete multiple bookmarks using the **Mark/Unmark** option.

Saved pages

Menu 8.4

The phone can save the page on display as an offline file. Up to 20 pages can be saved.

Browser settings Menu 8.5

You can change the settings for browser display, security, and certificates.

Profiles

(Menu 8.5.1)

Select the appropriate profile by pressing . This will activate the profile to initiate the browser launch.

Security

(Menu 8.5.2)

Certificates

If stored, a list of root/ca certificates required for WTLS/TLS can be found here.

Certificates can be viewed from the list.

Session clear

Secure (WTLS/TLS) session data can be cleared using this option. Session data should be cleared to establish a new secure session.

Character encoding

(Menu 8.5.3)

Sets the browser default character set to one of the following:

Automatic, English(ASCII), English(ISO), English(LATIN), Unicode(UCS2 BE), Unicode(UCS2 LE), Unicode(UCS2 Auto), Unicode(UTF-16 BE), Unicode(UTF-16 LE), Unicode(UTF-16 Auto), Unicode(UTF-8).

Scrolling control

(Menu 8.5.4)

Allows you to set the scroll speed by selecting the number of lines to scroll. Select one from Small(1 line), Medium(2 lines), Large(3 lines).

Vodafone live!

Show image

(Menu 8.5.5)

Allows you to enable or disable the image display during browsing.

Note

Enabling this function will delay displaying images until the completion of transmission. Disabling this function will prevent the browser from downloading images from the server, thus allowing faster transmission.

Cache (Menu 8.5.6)

Enabling Cache allows you to store accessed pages to your phone. Once a page has been stored in the Cache it will greatly enhance the page loading speed on subsequent browsing of the same page.

Cookies

(Menu 8.5.7)

Enabling Cookies allows you to store cookies sent from the server. Disabling this function will prevent cookies from being stored on your phone.

JavaScript

(Menu 8.5.8)

Select whether to turn JavaScript On or Off.

Reset settings (Menu 8.5.9)

Select this to reset your phone to its default browser configuration.

Entertainment [Menu 9]

Games & Applications

Menu 9.1

You can easily download games and other applications in this menu. It has two folders, Games and Applications, as default (There might be no Applications folder in some countries). Each folder has an embedded link for downloading games or applications. Please note that additional costs may be incurred when using online services. You can create a folder using the left soft key [Options].

Mobile TV

Menu 9.2

You can access Mobile TV by selecting this menu.

Java settings

Menu 9.3

Activating a profile

 Move the cursor to the profile which you would like to activate. 2. Press or the left soft key **Options**

Adding a new profile

Select Add new from the Options menu.
 The following items need to be configured.

Service name	Enter an account name for the profile.
Connection mode	Choose from the given list of connection modes. (Default is TCP with Proxy)
IP address	Enter the WAP Gateway IP address provided by the operator. (e.g. 195. 115. 025. 129)
Proxy server port	Port details are provided by the operator, depending upon the Connection mode.
Access point	Choose from the given list of access points. (For more details on adding or editing a new access point, refer to page 94.)

Press the right soft key [Done] to save any configuration changes.

You can edit or delete a profile by selecting **Edit** and **Delete** from **Options** menu.

My Files [Menu *]

Pictures

Menu *.1

The Pictures folder consists of embedded links for downloading pictures through the Internet and Default images.

Pictures taken using the camera are stored in the Pictures folder and you can create new folders to manage them. You can also save selected files as animated Gifs and send multiple files to other people.

When a file is selected, the following options will be displayed by pressing the left soft key [Options].

- ▶ View: You can view the selected picture.
- Create new folder: You can create a new folder within the folder currently selected.
- Send: You can send the selected image via Message, Postcard, Email or Bluetooth.
- ▶ File
 - Move: Enables the file to be moved to other folder.
 - Copy: Enables the file to be copied to other folder.
 - Rename: You can rename the image.

- Edit: Enables the image to be edited.
- Make GIF animation: You can create an animated GIF file with different photos (up to 10 files of 240X320 resolution with a 2Mbyte file size limit for display).
- Info.: Shows information on the selected image file.
- ▶ **Delete:** Deletes the selected image.
- Mark/Unmark: Using the Mark function, you can send, delete, move and copy multiple files.
- Main display: You can set an image as the screen theme (Home screen, Outgoing call, Start up image, Power off image).
- ▶ Slide show: You can start a slide show.
- Sort by: You can sort the files by name, date, or file type.
- ▶ List view/Grid view: You can view the images as a List view or Grid view.
- Memory status: You can view the memory status.

Sounds

Menu ¥.2

The Sounds folder consists of embedded links for downloading ringtones and music as well as folders containing the Voice recordings and Default sounds. Here you can manage, send or set sounds as ringtones.

Videos

Menu ¥.3

Here you can manage or send downloaded or captured videos clips.

The following are available using the left soft key [Options] in the Video list.

- ▶ Play: Plays the video.
- Create new folder: You can create a new folder.
- Send: You can send the selected video clip via Message, Email or Bluetooth if not protected by Digital Rights Management (DRM).

▶ File

- Move: Moves the file into handset memory.
- Copy: Copies the file in handset memory.
- Rename: You can rename the video.
- Info.: Shows information on the selected video file.
- ▶ **Delete**: Deletes the selected video.
- Mark/Unmark: Using the Mark function, you can send, delete, move and copy multiple files.
- ➤ **Sound theme:** You can set a video as the voice ringtone or video ringtone.
- Sort by: You can sort files by name, date, or file type.
- ▶ List view/Grid view: Displays the video files as a List view or Grid view.
- Memory status: Displays the memory status.

My Files

Select the right soft key [Send] to attach the selected video to a message, Email or Bluetooth.

When option 1. Play is selected, the video clip will be played with the Media Player. To pause the playback, press during the playback. To resume the paused playback, press once again.

To capture the screen shot, press the right soft key [Capture] when the playback is paused.

To view the current playback in full screen, press the right soft key during the playback.

To return to the previous screen size, press the right soft key once again in full screen mode.

When viewing video clips in the Media Player, the following options are available:

- ▶ Pause/Play: You can play or pause playing a file for a moment.
- ➤ Send: You can send the video via Message, Email or Bluetooth if the file is not protected by Digital Rights Management (DRM).
- ▶ Go to list: Goes back to the list.
- ▶ **Delete:** Deletes the selected video.
- ▶ **Sound theme:** You can set a video as the voice ringtone or video ringtone.
- ► Wide view: You can view the video in wide view mode.
- Mute/Unmute: If the Volume is set to more than 0, Mute mode is activated and if the Volume is set to 0, the Unmute mode is activated.
- ➤ Capture: You can save what is on the paused screen as an image file (only possible in Pause mode).
- ➤ **Set repeat:** You can set the repeat option (None/Current file/All files).

- ▶ Move to
 - Previous file: Plays the previous video file.
 - Next file: Plays the next video file.
- ► File info.: You can check information on files being played(File name, Size, Date, Type, Duration, Protection).

Games & Applications Menu *.4

You can easily download games and other applications in this menu. It has two folders, **Games** and **Applications**, as default (There might be no **Applications** folder in some countries).

Each folder has an embedded link for downloading games or applications. Please note that additional cost may be incurred when using online services. You can create a folder using the left soft key [Options].

Bluetooth data Menu *.5

The files received using Bluetooth are saved in this folder. You cannot create a sub-folder within the Bluetooth data folder.

You cannot copy or move files that are not managed by My Files.

The options displayed depend on the type of file selected. For instance, in case of an image, the following functions are supported.

- View/Edit/Move/Copy/Delete/Rename file(s).
- ▶ Mark/Unmark one or all file(s).
- Send a file via MMS, Email or Bluetooth if not protected by Digital Rights Management (DRM).

Note

For the image files of which resolution is 640x480 or above, you can send them via Postcard.

- If relevant, you can set an image as the screen theme (Home screen, Outgoing call, Start up image, Power off image).
- If relevant, start or set (normal or full screen, at what pace) a slide show.
- If relevant, create an animated GIF file with different pictures.
- ▶ Sort the files by name, date or file type.

My Files

- ► Memory info.
- ▶ View file information.

Other files

Menu ¥.6

Other files except pictures, sounds, videos, games & applications are stored in this folder.

Organiser & Tools [Menu 0]

Alarms

Menu 0.1

If you set the alarm, the appears on the indicator bar. The specified alarm sounds at the scheduled time. Press to stop the alarm, and the alarm is released. Press the right soft key [Snooze] and choose the snooze interval. The alarm sound stops and resumes after the selected Snooze duration. You can configure up to 5 alarms.

- Select your desired alarm to configure in the alarm list. If there is no alarm, press the right soft key [Add] to add a new alarm.
- Set/Cancel alarm: Set or cancel the alarm using the options for specifying whether the alarm is on or by choosing the alarm time.
- 3. Input alarm time: Input your desired alarm time by specifying Hour and Minute. Choose either 'AM' or 'PM' which is visible if 12 hour format is specified for the phone.

- 4. Select repeat mode: Select the desired repeat mode using / or select the desired one from the list by pressing —
- Select bell: Select the bell to ring at the alarm time using / or opening the list by pressing .
- 6. Input memo: Input alarm name.
- 7. **Snooze:** You can set the snooze duration for the alarm.
- When you have finished setting the alarm, press the right soft key [Done].

Note

The alarm will go off even when the phone is switched off.

Calendar

Menu 0.2

Schedule inquiry and search

1. Reference by Months

You can refer to your schedule by months. The cursor is on the current date, and the registered date is marked.

Organiser & Tools

The schedule saved for the date where the cursor is located is represented by an icon. Pressing the shortcut key because to the previous year and pressing because move to the next year and pressing because moves to today. Pressing because moves to the previous month, and because moves to the next month. Pressing because moves to the weekly calendar, and because to the monthly calendar. You can move the date scrolling because is considered.

2. Reference by Days

Pressing in the reference by month moves to reference by day where you can refer to your schedule by days. You can refer to the moving date tab using / . As a search result, brief schedule contents, repetition set up configuration, and alarm set up configuration are displayed. You can send the schedule to another phone or an Internet site through SMS(Text message) or MMS(Picture message) or Email or Bluetooth.

3. Detailed reference

You can refer to a detailed schedule, that is the whole contents of the schedule configured by the user. You can send the schedule to another phone or an Internet site through SMS(Text message) or MMS(Picture message) or Email or Bluetooth using the left soft key [Options].

Search schedule

You can add a schedule. You can configure the start date, end date, start time, end time, contents, type of schedule, repetition, alarm of the schedule.

- ► **Set type:** Appointment, Anniversary, Birthday, Others
- ► Set repeat: Once, Daily, Weekly, Monthly, Annually, User setting
- Set alarm: No alarm, On time, 15 mins before, 30 mins before, 1 hour before, 1 day before, 3 days before, 1 week before

Delete schedule

1. Previous entries

You can delete all elapsed schedules using this function.

2. All entries

You can delete all saved schedule contents using this function.

Set up and release holiday

You can set up or release user holidays. Press the left soft key [Options] and select **Set holiday**. The selected date will be displayed in red.

To release the holiday, press the left soft key [Options] and select **Reset holiday**.

Schedule notification

If the user has configured the alarm setting, the specified alarm sound will ring. If the notification time is before the schedule start time, you can set up the alarm again.

Tasks

Menu 0.3

You can view, edit and add tasks to do. Tasks are displayed in time order. Tasks that have been completed or not completed are displayed in different ways.

Add

To add a task, press the right soft key [Add] in the Tasks list management screen. Then input the date, description and priority for the task.

When you have finished entering the data, press the right soft key [Done] to save the new task.

Detailed view and Edit

To view detailed task contents, locate the cursor on the desired item in the Tasks list, and then press . You can edit and delete a task using the left soft key [Options]. You can also delete multiple or all tasks at once using the Mark/Unmark option.

Organiser & Tools

Set job status

Tasks set as finished are displayed as crossed out below the unfinished tasks in the Tasks list. You can set Finished tasks to Not finished by selecting **Option**.

Memo

Menu 0.4

Using the memo management function, you can view and manage saved memo contents, and add new memo.

Add memo

To add a new memo, press the right soft key [Add]. Enter the contents of the memo. You can save the memo to the list by pressing the right soft key [Done].

Edit and delete memo

Highlight the desired memo and press to view its contents. You can edit or delete the contents of a memo using the left soft key [Options]. You can return to the memo management screen by pressing So. You can select Multiple or All memos using the Mark/Unmark option and then delete a memo by pressing the right soft key [Delete].

Calculator

Menu 0.5

The calculator module allows you to perform basic arithmetic functions such as addition, subtraction, multiplication, and division as well as some scientific functions.

- 1. Press the left soft key [Options].
- 2. Select the appropriate function.

You can enter numbers by using the number keys, and the operators by using . You can enter a decimal point by pressing . Whenever you press . , characters are sequentially deleted in reverse order. Whenever you hold . down, all the characters are deleted in reverse order in one go.

When calculation is complete and the result is displayed on the screen, pressing a number clears the previous result and the calculator waits for new input, even if you did not press the right soft key [AC]. When calculation is complete and the result is displayed on the screen, pressing a symbol saves the result into the symbol, and continues calculation.

Converter

Menu 0.6

Using this menu, you can convert Currency, Surface, Length, Weight, Temperature, Volume and Velocity.

- 1. Select the menu you want to convert.
- 2. You can select the unit you want to convert by pressing [List].
- Move to the convert unit section and select the unit you want to convert to by pressing [List].
- Input numbers using the numeric keys.
 Conversion is calculated automatically.
 (Note: You can input a decimal number by pressing .)

World time

Menu 0.7

The World time function provides time information on major cities worldwide. You can view the time of the desired country or city by navigating using — / — . You can select a desired city as a base using the right soft key [Home].

Voice recorder

Menu 0.8

- Press the left soft key [Options] to display the option pop up menu before recording.
- 2. Move to the desired menu item by scrolling and press.
 - Quality: You can select a recording quality from Super Fine, Fine and Normal.
 - Duration: You can set the recording duration to MMS msg. size, 30 secs, or 1 min.
 - ▶ New recording: Select this menu to start recording to a new file.
 - My Files: Opens the Voice recordings folder in My Files.
 - ▶ Cancel: Closes the voice recorder and goes back to the previous screen.
- Pressing starts recording. When a recording is started, the recording time appears on the LCD. To cancel the recording, press the right soft key [Cancel].

Organiser & Tools

- When you finish the recording, press to exit. The recorded file is automatically saved in the Voice recordings folder in My files.
- 5. When no recording is in progress, pressing starts recording on a new file.

When no recording is in progress, press the right soft key [Send] to send a recorded file.

Select one from Message, Email, or Bluetooth scrolling and press

- Press the left soft key to select the various options after the voice recording.
- 7. Select the desired menu scrolling and press.
 - Delete: Select this menu to delete a recorded file.
 - New recording: Select this menu to start a new voice recording.
 - Send: To send the recorded file. Select one from Message, Email and Bluetooth scrolling and press.

- Sound theme: You can set the recorded file as the Voice Ringtone, Video Ringtone, Start up sound or Power off sound.
- ▶ My Files: Opens the Voice recordings folder in My Files.
- 8. Press the right soft key to close the sub-menu popup window.

Settings [Menu #]

Phone settings

Menu #.1

Profiles

(Menu #.1.1)

You can select ringtone or vibration for an incoming call and configure the sound and volume of the ringtone, key tone, and sound effect, according to a profile. The profiles provided include [Normal], [Silent], [Vibrate only], [Outdoor], [Headset], [Customised 1], [Customised 2], and [Customised 3]. Select a profile, and press to activate the profile. After pressing the left soft key [Options], select the Edit menu for the [Normal], [Outdoor], [Headset], [Customised 1], [Customised 2] and [Customised 3] profile to change the configuration. A different list of options is available for each profile that has been selected for editing.

Alert by

This option determines the incoming call notification mode. You can select from [Ring], [Vibration], [Silent], [Ring & vibration], [Ring after vibration], [Max Ring & Vibration].

Voice ringtone

You can select the ringtone for incoming voice calls.

Video ringtone

You can select the ringtone for incoming video calls

Volume

Set the ringtone volume.

Message alert

You can set how often the phone is to inform you of a received message until it is read.

Message tone

You can select a file from among your own personal files or from the default files, to be played by the phone upon receiving a message.

Key tone

You can set the key tone to be played when pressing the keys.

Key tone volume

You can set the volume of the chosen key tone, choosing from 7 available levels.

Slide tone

Select the desired tone the phone will emit when you slide up/down the phone.

Confirmation tone

You can set the confirmation tone to be played by the phone to confirm actions.

Start up sound

You can set the effect to be played when the phone is switched on.

Select start up sound

You can select which file will be played when the phone is switched on.

Power off sound

You can set the effect to be played when the phone is switched off.

Select power off sound

You can select which file will be played when the phone is switched off.

Date & Time (Menu #.1.2)

Although the current time is automatically configured when the phone is registered to the network, users can configure the time and date directly using this menu. The time configured by the user is valid only while the phone is turned on.

Time

- 1. Select the **Time** item from the Date & time list, and then press .
- Move to your desired field, Hour, Minute, or am/pm field using the scrolling bar. (When you have selected 12 hour as Time format)
- Enter Hour, and Minutes using the number keys.
- 4. Select the time format using \(\bigcup / \bigcup \).
- Scroll down to select the hour indicator format i.e. Off, Cuckoo clock or Chime hell.

6. Press the right soft key [Done] to set the time with the specified value.

Date

- 1. Select the **Date** item from the Date & time list, and then press .
- 2. Select the date format using \(\bigcup / \bigcup \).
- Enter Day, Month and Year using the number keys.
- 4. Press the right soft key [Done] to set the date with the specified value.

Auto update date/time

When Auto Update is configured to **On**, the time and date are automatically updated according to the current time zone. If **Confirm first** is selected, the time and date update is confirmed before it is updated automatically.

Daylight saving

Select whether to activate the daylight saving function or not. You can set the Summer time difference of selected home city for 1 hour or 2 hours.

Auto key lock

(Menu #.1.3)

You can set the desired delay time before activating the auto key lock.

After selecting **On** in Keylock Delay, select the desired delay time. And press the right soft key [Done].

Language

(Menu #.1.4)

Select the display language. You can select **Automatic** language option to change display language to the USIM card supported language.

Security

(Menu #.1.5)

PIN code request

When this is set to On, you are requested to enter your PIN each time you switch the phone on.

Note

- ▶ Press in the PIN code entry window to return to the previous step.
- 3 incorrect PIN code entries would invalidate the PIN code. And you have to enter the PUK (PIN Unblock Key) code to configure the PIN code again.
- ➤ The maximum number of times you may enter the PUK code is 10. (Note: If you enter an incorrect PUK code 10 times, the USIM card will be blocked and must be replaced.)
- If the PIN code request cannot be disabled by operator settings, you will not be able to choose this menu item.

Handset lock

You can lock your phone. The following 4 lock functions are available.

When switching on: Locks the handset whenever the handset is switched on.

If USIM changed: Locks the handset when the phone's USIM card has been changed.

Immediate: Locks the handset immediately.

None: Deactivates the lock function.

You are requested to enter the security code to confirm the selection.

➤ To unlock the handset, you need to enter the security code.

Change codes

You can change the PIN, PIN2, the mobile phone password and the call barring password.

PIN code

PIN is the abbreviation for Personal Identification Number, and is used to restrict use by an unauthorised user.

PIN code change procedure

- 1. Select 'PIN code' from the 'Change codes' list and then press .
- 2. Enter the current PIN code, and press
- 3. Enter the new PIN code, and press

- 4. Enter the new PIN code once again, and press .
- ▶ If the PIN code is different from that of step 3, the procedure is restarted from step 3.
- 5. When the PIN code is changed properly, a Changed message is displayed. If you enter an incorrect PIN code in step 2, the procedure is restarted from step 2, and the number of attempts you have left to enter the number decreased by 1.
- 6. Press in the PIN code entry window to return to the previous step.

Note

► Three incorrect PIN code entries in the PIN code entry window would invalidate the PIN code. In this case, you have to enter the PUK (PIN Unblock Key) code to configure the PIN code again. The maximum number of times you may enter the PUK code is 10. (Note: If you enter an incorrect PUK code10 times, the USIM card will be blocked and must be replaced.)

PIN2 code

PIN2 is the abbreviation for Personal Identification Number 2, and is used to restrict use by unauthorised users as with the PIN. The PIN2 code change procedure is the same as the one for the PIN code. 3 incorrect PIN2 code entries would invalidate the PIN2 code. In this case, you have to enter the PUK2 code in order to use the PIN2 code again. The maximum number of times you may try to enter the PUK2 code is 10, like PUK1. 10 incorrect PUK2 code entries would invalidate the PIN2 code.

Security code

The security code is used to change the mobile phone password. The maximum number of attempts to enter the security code is not limited as it is with PIN and PIN2.

Power save

(Menu #.1.6)

Decide whether to activate the power save mode or not.

Memory status

(Menu #.1.7)

User memory

This function shows the status of the user memory of the mobile phone. Since this function scans the overall file system for statistics, a few seconds are required.

User reserved memory

This function shows the status of the User reserved memory. The usual contents are Text messages, Contacts, Calendar, Tasks, Memo. And it gives a clear illustration of the actual amount compared with the total amount for each item.

Mass storage

This function shows the status of Mass storage.

USIM memory

This function shows the status of the USIM card user memory.

Format mass storage

You can format the mass storage in phone.

Handset information (Menu #.1.8)

This functions shows the USIM card telephone number, model name and software version of the mobile phone.

Reset settings

(Menu #.1.9)

Clear memory

Select this to clear the memory. You are requested to enter the security code.

- ► Handset contents: Deletes all the multimedia contents downloaded.
- Handset personal info.: Deletes personal information such as received messages or emails.

Default setting

Select this to reset your phone to its default configuration. You are requested to enter the security code.

Display settings

Menu #.2

This menu allows you to personalise the display options of the screens and of the menus entire graphic interface.

Main display

(Menu #.2.1)

You can set the screen theme to be displayed on the main screen.

Home screen

- Wallpaper: You can select an image to be displayed on the main screen.
- Display items: You can select which items to display on the screen: Calendar + Clock, Calendar, Clock, Dual clock or Do not show.

Outgoing call

You can select the image to be displayed while dialling a number.

Start up image

You can select the image to be displayed while the phone is being switched on.

Power off image

You can select the image to be displayed while the phone is being switched off.

Menu style

(Menu #.2.2)

You can select the desired menu style from Grid style and List style.

Font

(Menu #.2.3)

Backlight

(Menu #.2.4)

You can set the backlight duration and brightness on the Home screen.

Welcome message (Menu #.2.5)

After selecting On, you can write a welcome message.

Java settings

Menu #.3

Activating a profile

- Move the cursor to the profile you would like to activate.
- Press or select Activate from the Options menu.

Adding a new profile

Select Add new from the Options menu.
 The following items need to be configured.

Service name	Enter an account name for the profile.	
Connection mode	Choose from the given list of connection modes. (Default is TCP with Proxy)	
IP address	Enter the WAP Gateway IP address provided by the operator. (e.g. 195. 115. 025. 129)	
Proxy server port	Port details are provided by the operator, depending upon the Connection mode.	
Access point	Choose from the given list of access points. (For more details on adding or editing a new access point, refer to page 94.)	

2. Press the right soft key [Done] to save any configuration changes.

You can edit and delete a profile by selecting **Edit** and **Delete** from the **Options** menu.

Messaging settings Menu #.4

For detailed information, please refer to page 49.

Call settings

Menu #.5

Call durations

(Menu #.5.1)

You can view call time by types. Press the left soft key [Options] to choose either partial initialisation or entire initialisation. Also press right soft key [Clear] to initialise a selected duration type. Initialization will require your Security code.

The following timers are available:

▶ Last call: Shows the latest call time in units of hours/minutes/seconds.

- Received calls: Shows incoming call time.
- ▶ Dialled calls: Shows outgoing call time.
- ▶ All calls: Shows total call time.

Call barring

(Menu #.5.2)

Call barring menus for Voice and Video calls are provided.

The menu consists of **Voice calls, Video calls** and **Deactivate all**. The Voice calls and Video calls menus have the following submenus.

The Call barring menu consists of All outgoing, Outgoing international, Outgoing international calls except home country, All incoming and Incoming when abroad submenus.

The All outgoing menu bars dialling all outgoing calls, the Outgoing international menu bars dialling outgoing international calls, and the Outgoing international calls except home country menu bars dialling outgoing international calls except for the Home PLMN country. All incoming rejects all incoming calls and the Incoming when

abroad menu rejects incoming calls when roaming.

Video calls & Voice calls

All outgoing

- When is selected, it receives the Barring password from user, and activates the barring service on the network. A requesting message and animation appears. When the network answers, the result of the operation is displayed.
- 2. When the Options menu is selected, it activates the Outgoing calls menu. Select the Options menu from the soft menus on the lowest menu. Then Deactivate, Activate, Deactivate all, View status and Change password menus appear. Select the Activate menu to receive the Barring password from the user and activate the barring service on the network. The Deactivate menu deactivates the

The **Deactivate** menu deactivates the barring service after the user's Barring password is entered. The **Deactivate all** menu deactivates all barring services configured in the network after the user's

Barring password has been entered. The View status menu enables users to view the current network configuration.
Selecting View status menu displays the Requesting message with animation and the result of the operation when the network answers. Change password menu enables users to change the current barring password.

Outgoing international

- When is selected, it operates in the same way as the Outgoing calls menu.
- When the Options menu is selected, it activates and operates the International calls menu. It operates in the same way as the Outgoing calls menu.

Outgoing international calls except home country

- When is selected, it operates in the same way as the Outgoing calls menu.
- When the Options menu is selected It activates and operates the International except home country menu. It operates in the same way as the Outgoing calls menu.

All incoming

- 1. When is selected, it operates in the same way as the **Outgoing calls** menu.
- When the Options menu is selected, it activates and operates the Incoming calls menu. It operates in the same way as the Outgoing calls menu.

Incoming when abroad

- When is selected, it operates in the same way as the Outgoing calls menu.
- When the Options menu is selected, it activates and operates the Incoming calls when abroad menu. It operates in the same way as the Outgoing calls menu.

Fixed dial numbers

(Menu #.5.3)

- ► FDN ON/OFF: Select whether to activate FDN or not. PIN authentication is required.
- FDN List: Displays the current FDN list. You can edit, add, or delete fixed dial numbers. PIN2 authentication is required to edit the list. And the configuration information is saved on the USIM. The information saved on the USIM is used when FDN restricts outgoing calls.

Data volume

(Menu #.5.4)

Allows you to check the sent, received and all data volume transferred. (Data volume transferred through TE connection is excluded from counting.)

Press the left soft key [Options] to choose for partial initialization or entire initialization. You can also use the right soft key [Clear] for the initialization of the selected volume type. Initialization will require your Security code.

Call costs

(Menu #.5.5)

- This function displays the call costs of the Last call and All calls.
- To initialise, press the right soft key [Clear] and enter the PIN2 code.
- You can select either Units or Currency in Set call cost. According to your setting, the call cost is displayed during a call (If USIM and Network support Advice Of Charge(AOC)).
- In the Set limit configuration, select On to configure the cost limit. When a cost limit is configured, and the call costs reach the limit, making a call will not be allowed.

Diverts

(Menu #.5.6)

Call divert menus for voice and video calls are provided.

The menu consists of Voice calls, Video calls and Deactivate all.

Voice calls

All voice calls

When busy

No answer

Not reachable

When the Deactivate menu is selected
Deletes Call Divert Number registered to
the network. While waiting for the result
from the network, Requesting message
and animation appears. When the network
answers, the result of the operation is
displayed.

2. When To a number is selected

A dialogue window appears allowing you to enter a phone number to divert to. Input a phone number to divert calls to, and press . While waiting the result

from the network, Requesting message and animation appears. When the network answers, the result of the operation is displayed.

3. When Recent divert number list is selected Divert registration is performed with the selected number. Select the number, and press . While waiting for the result from the network, a Requesting message and animation appears. When the network answers, the result of the operation is displayed.

4. Options menu

After activating All voice calls menu, selecting the Options menu at the bottom of the menus displays the Deactivate, Activate, Deactivate all, View status and clear list menus.

Activate: Move to Settings menu to activate call divert.

The View status menu shows the settings on the network. If you select this menu, Requesting. message and animation appear. Then the network settings are displayed when the information is received

from the network. Selecting Status in the right soft menu gives the same result. If you select the Deactivate menu, the call divert numbers registered in the network are deleted after user confirmation. Selecting the Cancel all menu will display the operation result after showing the Requesting message and animation. Clear list menu will delete all divert number list.

Video calls

All video calls

When the Deactivate menu is selected
 Deletes Call Divert Number registered to
 the network. While waiting for the result
 from the network, Requesting message
 and animation appears. When the network
 answers, the result of the operation is
 displayed.

2. When To a number is selected

A dialogue window appears allowing you to enter a phone number to divert to. Input a phone number to divert calls to, and press . While awaiting the result

from the network, Requesting message and animation appears. When the network answers, the result of the operation is displayed.

3. When Recent divert number list is selected

4. Options menu

After activating the All video calls menu, selecting the Options menu at the bottom of the menus displays the Deactivate, Activate, Deactivate all, View status and clear list menus.

Activate: Move to Settings menu (above1~4) to activate call divert. The View status menu shows the settings on the network. If you select this menu, Requesting. Message and animation appear. Then the network settings are displayed when the information is received

from the network. Selecting Status in the right soft menu gives the same result. If you select the Deactivate menu, the call divert numbers registered in the network are deleted after user confirmation. Selecting the Cancel all menu will display the operation result after showing the Requesting message and animation. Clear list menu will delete all divert number list.

When busy

- When the Deactivate menu is selected It operates the same as All voice calls menu.
- 2. When To a number is selected
 It operates the same as All voice calls
 menu.
- 3. When Recent divert number list is selected

It operates the same as All voice calls menu.

4. When Options menu is selected It activates and operates If busy menu. It operates the same as All voice calls menu.

No answer

- When the Deactivate menu is selected
 It operates the same as All voice calls
 menu
- **2. When To a number is selected**It operates the same as All voice calls menu.
- 3. When Recent divert number list is selected
- It operates the same as All voice calls menu.
- 4. When Options menu is selected Activates and operates No answer menu. It operates the same as All voice calls menu except that users can configure delay time in the Set waiting time menu in the menu list.

Not reachable

- When Deactivate menu is selected
 It operates the same as All voice calls menu.
- When To a number is selected
 It operates the same as All voice calls menu.

3. When Recent divert number list is selected

It operates the same as All voice calls

4. When Options menu is selected
Activates and operates If out of reach menu.
It operates the same as All voice calls menu.

Call waiting

(Menu #.5.7)

- Activate: Activates waiting service. Selecting this item, displays requesting message and animation. When the network answers, the result of the operation is displayed.
- Deactivate: Deactivates Call waiting service. Selecting this item displays requesting message and animation. When the network answers, the result of the operation is displayed.
- View status: Displays activated Call waiting service group item of the network. Selecting this item displays requesting message and animation. When the network answers, the result of the operation is displayed.

Voicemail

(Menu #.5.8)

You can add or modify voice mail centre.

Video call

(Menu #.5.9)

You can set the screen display when making /receiving a video call.

- Show private image: Determine whether to show the private image or not.
- ▶ Select still image: Select the still image to be displayed.
- ▶ Mirror: Select to activate the mirror effect or not.
 - On: Displays the image flipped side to side.
 - Off: Displays the image as it is.
- My image size: Select my image size to be displayed.
- ▶ My image position: Select the position where your image will be displayed.

Common settings

(Menu #.5.0)

Call reject

You can set whether to reject incoming calls.

- Select **On** in Reject menu to activate call reject. The Reject list menu appears.
- 2. Set the desired call reject option in the Reject list menu.
- ▶ All calls: Rejects all calls.
- Contacts: Rejects the calls from the number stored in Contacts.
- ▶ **Groups:** You can specify call rejects by group units stored in Contacts.
- Unregistered: Rejects calls from the number not stored in Contacts.
- No caller ID: Reject calls which do not have CLI information.

Send my number

- Set by network: Configures with the default settings determined by the service provider.
- On: Configures to send my phone number when making an outgoing call.
- ▶ Off: Configures not to send my phone number when making an outgoing call.

Auto redial

Allows you to set the auto redial function when a call attempt has failed.

Answer mode

Allows you to set the answering method. You can choose between Press send key, Slide up and Press any key.

Minute minder

Determines whether to sound a 1 minute tone every 1 minute when you are on the phone.

BT answer mode

- Hands-free: You can answer a call using the Bluetooth headset, when the Bluetooth is connected.
- ► Handset: If you press on the handset to answer a call, you can talk on the handset. If you press the Bluetooth headset key to answer a call, you can talk using the Bluetooth headset.

This is the initial answer mode selection. And while talking, you can switch from handset to headset or from headset to handset.

Contact settings Menu #.6

For detailed information, please refer to page 57. (Menu 7.7)

Connectivity

Menu #.7

Blueto oth (Menu #.7.1) Blueto oth QD ID B012430

Bluetooth connection

Your phone has built-in Bluetooth wireless technology which makes it possible for you to connect your phone wirelessly to other Bluetooth devices such as a handsfree, PC, PDA or other phones.

You can, for example, have a conversation via a cordless Bluetooth handsfree or browse the Internet, wirelessly connected via a mobile phone. You can also exchange, for example, business cards, calendar items and pictures.

Note

We recommend that your phone and the Bluetooth device you are communicating with be within a range of 10 meters. The connection may be improved if there are no solid objects between your phone and the other Bluetooth device.

1. Getting started

Menu > #. Settings > 7. Connectivity >
 1. Bluetooth > 1. Paired devices

To use the Bluetooth function, you must first set Bluetooth to **On**.

- 2. Configuring Bluetooth settings
- Menu > #. Settings > 7. Connectivity >1. Bluetooth > 2. Settings
- Bluetooth usage: To use the Bluetooth function, set it to [On]. Otherwise, set it to [Off].
- My handset's visibility: Set [My handset's visibility] to [Show to all] so that other devices can detect your phone when they are searching for a Bluetooth device. If you select [Hidden], other devices will not be able to detect your phone when they are searching for a Bluetooth device.
- My handset's name: You can name or rename your phone as it will appear on other devices. Your phone's name will be

Note

When user uses Bluetooth Device in the handset, the security of the handset is at risk.
Therefore, we recommend that Bluetooth visibility be set to Hidden after configuration or device pairing.
For incoming files via Bluetooth regardless of paired devices, you can choose to accept or reject the connection, after checking the sender details.

3. Paired device

Pairing Devices (Pairing with a device)

If a paired Bluetooth device already exists.

Menu > #. Settings > 7. Connectivity >
 1. Bluetooth > 1. Paired devices >
 Options > Add new

If there is no paired Bluetooth device.

Menu > #. Settings > 7. Connectivity >
 Bluetooth > 1. Paired devices > Add

Options

Add new: Using this menu, you can pair a new Bluetooth device with your phone.

- Assign short name: Using this menu, you can rename a paired phone as required.
- ► Connecting/Disconnecting the device
 - If you want to open the connection to the selected device, select the Connect.
 - If you want to close the connection to the selected device, select the Disconnect.
- ▶ **Delete:** Using this menu, you can delete the paired Bluetooth device.
- ▶ Delete all: Using this menu, you can delete all of the paired Bluetooth devices.

<Pairing devices>

- To search for a Bluetooth device to pair, press Add or Add new.
- Screen shows Searching for devices. Bluetooth devices within a range of 10m will be found.
- If Bluetooth devices are found, these devices are listed on the screen. If no Bluetooth device is found, you will be asked if you want to search again.

4. Pairing procedure

- Press . A window will appear on the screen asking you to enter your password.
- After creating a password (of 1 to 16 digits), the user of the other device must enter the password for pairing.
 The user of the other device must know the password in advance for authentication.

<Deleting devices>

- Select a device to delete from the Paired devices screen.
- You can delete a device by pressing the Delete key or by selecting Options > Delete. To delete all paired devices, select Options > Delete All.

<Transmitting data using Bluetooth>

 To transmit data from your phone to another Bluetooth device, first select the application where the target data is saved.
 For example, to send data in the My Files to another device, select

Menu > *. My Files > 1. Pictures / 2. Sounds / 3. Videos/ 5. Bluetooth data / 6. Other files > Select data to transmit > Send > 3. Bluetooth

2. Transmitting data

- Last device found is displayed. If the desired device does not exist in the list, select [More devices].
- 2) Select the device to which you want to transmit data from the devices on the screen and press .
- If the other party selects [Yes] for [Connection request], the data is transmitted.

<Receiving data using Bluetooth>

Menu > #. Settings > 7. Connectivity > 1. Bluetooth > 1. Paired devices

If another party attempts to transmit data, the [Connection request] question will appear on the screen. If you select [Yes], the data will be transmitted to your phone. During data transmission, the Bluetooth icon flashes.

<Bluetooth data storage folder>

You can check the received data by selecting Menu > *. My Files > 5. Bluetooth data.

4. Device

<Connecting a headset>

Menu > #. Settings > 7. Connectivity >

- 1. Bluetooth > 1. Paired devices
- Connect the headset according to the procedures described in the Pairing Devices section.
- To use the headset, select the headset from the registered devices, press the Option key and then select 3.Connect.
- To check that the selected headset has been connected successfully, press the Option key. If it is properly connected,
 Disconnect will appear. If it is not connected,
 Connect will appear.

Connecting a handsfree kit>

- Menu > #. Settings > 7. Connectivity >
 Bluetooth > 1. Paired devices
- 2. Connect the handsfree kit according to

- the procedures described in the Pairing Devices section.
- To use the handsfree kit, select the handsfree kit from the registered devices, press the Option key and then select
 Connect
- 4. To check that the selected handsfree kit has been connected successfully, press the Option key. If it is properly connected, 3.Disconnect will appear. If it is not connected, 3.Connect will appear.

Synchronisation (Menu #.7.2)

This menu allows you to synchronise your schedule, contacts, memos with calendar and phonebook applications on a compatible computer or on the internet.

The synchronisation application uses SyncML technology.

 Connect: You can try to connect to server for synchronisation. For more details, contact your service provider for more information.

- Logs: After synchronisation is complete, you can view a log file showing the status and how many entries have been added, updated, deleted or discarded in the phone or on the server.
- Server sync. centre: You can activate the server. You can also add new server or edit it.

Network

(Menu #.7.3)

Network selection

Select between Automatic and Manual.

- Automatic: Automatically searches for the network and registers the handset to the network. This is recommended for best service and quality.
- ▶ Manual: All the currently 2G(GSM) and 3G(UMTS) available networks are shown and you can select one of them for registration. If the registration of the network has failed, all the currently available networks are listed again and you can select any other one for registration.

Network mode

You can set a type of network to search for when networks are searched in the **network selection**.

- Automatic: Searches all the networks connectable.
- ▶ UMTS: Searches only networks supporting 3G.
- ► **GSM 900/1800:** Searches only networks supporting GSM 900/1800 band.
- ▶ GSM 1900: Searches only networks supporting GSM 1900 band.

Preferred lists

If the network is searching automatically, you can add a preferable network to be connected to. And the following options are available.

- ▶ Add new: You can add a new network using the followings.
 - Search: You can select one from the network list stored in the phone.

- Enter new network: You can enter the country code (MCC) and the network code (MNC) to add. After setting, press Done key.
- ▶ Edit: You can modify the information of the selected network.
- ▶ **Delete:** Deletes the selected network.
- Move up: Moves the selected network upward.
- Move down: Moves the selected network downward.

Access points (Menu #.7.4)

This menu shows the access point list. You can create new profiles, delete or edit them by using the Option Menu. However, you cannot delete or edit default configurations depending on country variant.

You can edit the following configuration items by selecting the right soft key.

Connection title	Access Point profile name.
Bearer	Choose the bearer from the list. (Default is UMTS.)
Authentication	Choose the authentication from the list. (Default is No auth)
User name	Information provided by service provider.
Password	Information provided by service provider.
APN	APN name to access network. Information provided by service provider.

Press Done key to save any configuration changes.

Browser settings

(Menu #.7.5)

Profiles

Select the appropriate profile by pressing

This will activate the profile to initiate browser launch.

Security

If user presses Certificates, certification information is shown.

User can clear secure session information by pressing Session clear.

Certificates

If stored, a list of root/ca certificates required for WTLS/TLS can be found here. Certificates can be viewed from the list.

Session clear

Secure (WTLS/ TLS) session data can be cleared using this option. Session data should be cleared to establish a new secure session.

Character encoding

Sets the browser default character set to one of the following.

Automatic, English(ASCII), English(ISO), English(LATIN), Unicode(UCS2 BE), Unicode(UCS2 LE), Unicode(UCS2 Auto), Unicode(UTF-16 BE), Unicode(UTF-16 LE), Unicode(UTF-16 Auto), Unicode(UTF-8).

Scrolling control

Allows you to set the scroll speed by selecting the number of lines to scroll. Select from Small(1 line), Medium(2 lines), Large(3 lines).

Show Image

Allows you to enable or disable image display during browsing.

Cache

Enabling Cache allows you to store accessed pages to your phone. Once a page has been stored in cache it will greatly enhance the page loading speed on subsequent browsing of the same page.

Cookies

Enabling Cookies allows you to store cookies sent from the server. Disabling this function will prevent cookies from being stored on your phone.

JavaScript

Select On/Off

Reset settings

Select this to reset your phone to its default configuration.

Streaming

(Menu #.7.6)

If you want to set different network setting to play streaming content, you can set different network settings.

Dial-up network

(Menu #.7.7)

You can use your phone with a variety of PC connectivity and data communications applications. Select USB and Bluetooth you want to use for the data connection.

Note

▶ Enabling this function will delay displaying of images until transmission is completed. Disabling this function will prevent the browser from downloading images from the server, thus allowing faster transmission.

Accessories

There are various accessories for your mobile phone. You can select these options according to your personal communication requirements.

Travel Adapter

This charger allows you to charge the battery while away from home or your office



Standard Battery



Data cable/CD

You can connect your phone to PC to exchange the data between them.



Hands free ear-microphone and music player controller combo

Stereo headset



Controller: Answer & End key, music player control, volume control. Hold button and microphone.

After connecting the headset and the controller, plug the end of controller into the headset jack on the right side of the phone.

Note

- ► Always use genuine LG accessories.
- Failure to do so may invalidate your warranty.
- Accessories may vary in different regions: please check with our regional service company or agent for further information.

Technical data

General

Product name: KU970

System: GSM900/DCS1800/PCS 1900,

WCDMA 2100

Net weight: 67.5g(Without battery)

Ambient Temperatures

Max: +55°C (Normal) / 45°C (Charging)

Min: -10°C

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Product Details

Product Name

E-GSM 900 / GSM 1800 / GSM 1900 / W-CDMA Terminal Equipment

Model Name

KU970 / U970

Trade Name

LG

C€ 0168

Applicable Standards Details

R&TTE Directive 1999/5/EC

ETSI EN 301 489-01 V1.6.1, ETSI EN 301 489-07 V1.3.1

ETSI EN 301 489-17 V1.3.1, ETSI EN 301 489-24 V1.3.1 ETSI TS 151 010-1 V5.9.0 specified by ETSI EN 301 511 V9.0.2

ETSI TS 134 121 V5.5.0 specified by ETSI EN 301 908-1 V2.2.1

ETSI EN 301 908-2 V2.2.1. ETSI EN 300 328 V1.4.1

EN 50360/EN 50361:2001 EN 60950-1: 2001

Supplementary Information

Declaration

I hereby declare under our sole responsibility that the product mentioned above to which this standards and Directives

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Issued Date

Signature of representative